

# EUROPEAN PATENT OFFICE

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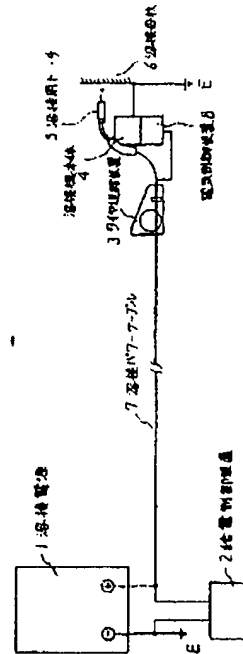
APPLICATION DATE : 10-12-84  
APPLICATION NUMBER : 59260443

APPLICANT : NIPPON STEEL CORP;

INVENTOR : FUJINO KUNIAKI;

INT.CL. : B23K 9/06 B23K 9/12

TITLE : AUTOMATIC WELDER



ABSTRACT : PURPOSE: To elevate the operability of a work by reducing cables by removing the control cable of an automatic welder, utilizing a welding power cable and feeding an electric power to an electrical control device and wire feeding electricity control device.

CONSTITUTION: The electric power fed from a feeding control device 2 is turned OFF with the automatic control of the feeding control device 2 at the time of a welding power source 1 being ON and a welding arc voltage is fed to the main body 4 of welder and electric control device 8 and the driving stoppage and speed control of the truck travelling motor of the inside of the welder main body 4 are performed. The driving, stoppage and speed control of the wire feeding motor of the inside of a wire feeding device 3 are performed as well with feeding to a wire feeding electrical control device the welding arc voltage as the electric power for feeding. At the time of the welding power source 1 being OFF, namely before welding start and welding completion times the feeding control device 2 is automatically turned ON and relayed by a welding power cable 7 to the electrical control device 8 and the electric power for control is fed.

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